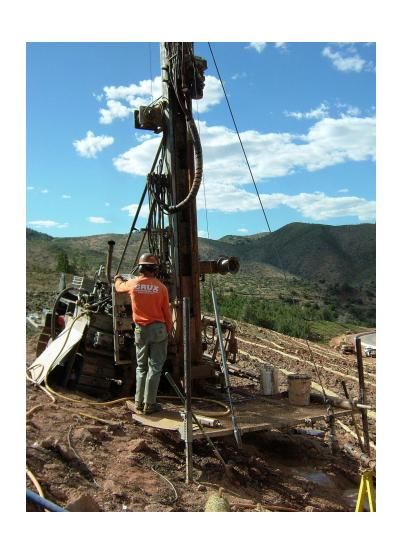
Goals



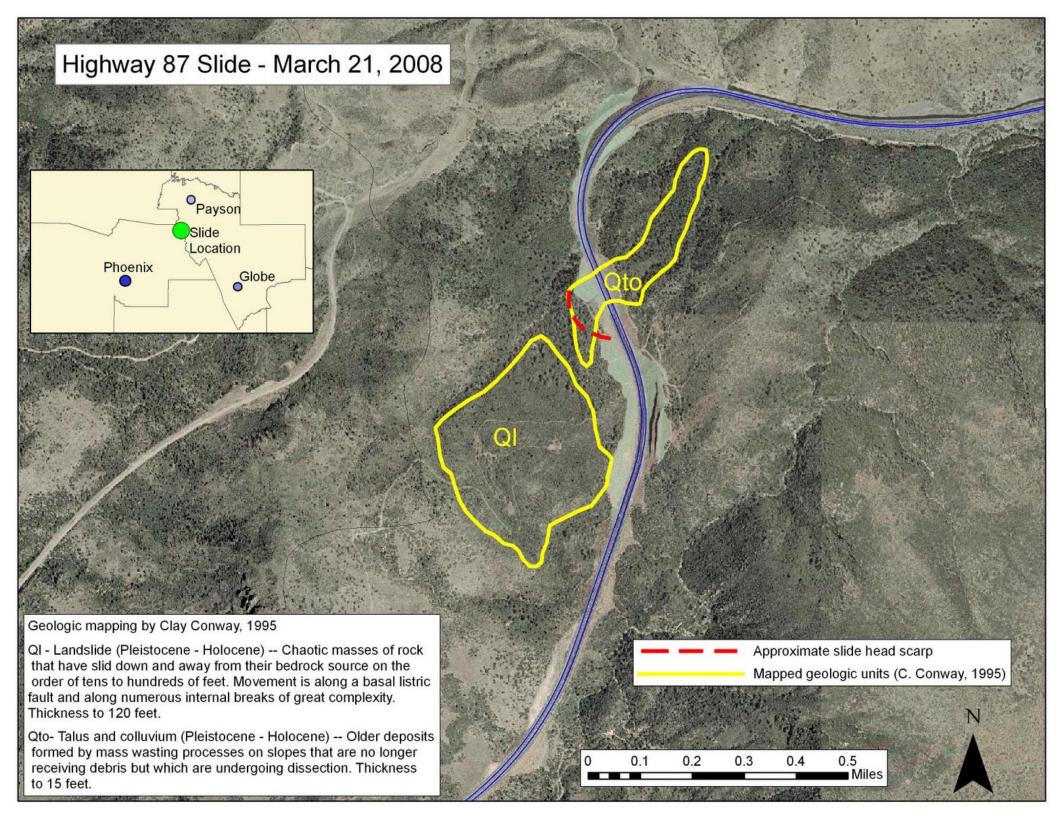
- Determine the Local and global slide conditions
- Obtain design parameters
- Address risk factors

Investigation Program Overview



- Aerial Surveys
- Geologic Mapping
- Drilling
- Instrument Installation and Monitoring (SI, VWP, TDR)
- Ground Surveys
- Data Analysis





DRILLING

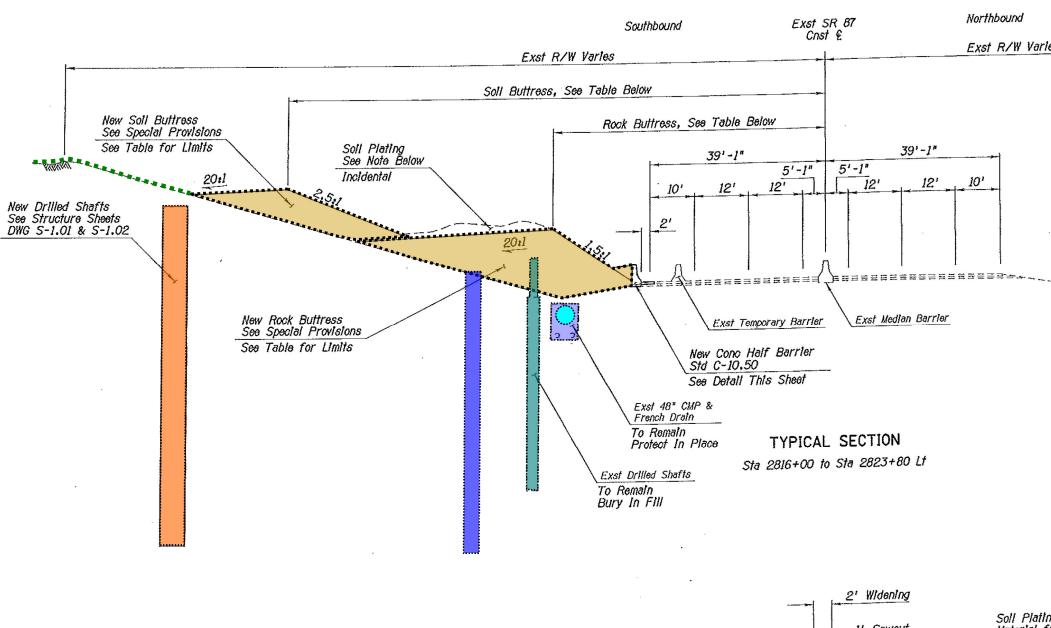
TYPE	LOCATIONS	FEET
SONIC CORE	17	1,203
HQ CORE	19	3,890
HSA	28	1,265
TOTAL	64	6,358

INSTRUMENTATION

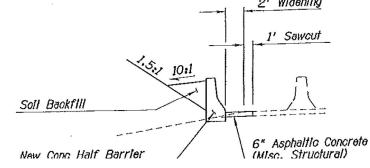
TYPE	LOCATIONS	NOTE		
SI	21 (+4 OLD)	3,708		
TDR	18	3,654		
VWP	33 (13 LOCATIONS)	SHALLOW, MIDDLE, DEEP		
WIRE EXTENSOMETERS	3	SOIL NAIL WALLS AND RECENT SLIDE AREAS		
FIXED BOREHOLE WIRE EXTENSOMETERS	4	SHEARED SI INSTALLATIONS		
TOTAL	79			

DEFORMATION SURVEYS

TYPE	LOCATIONS
REBAR MONUMENTS	14
SOIL NAIL WALL PRISMS	22
MSE WALL	3
APS TOWER FOOTINGS	8
MAG NAILS – ROADWAY	16
TOTAL	63



Station	SOIL BUTTRESS		ROCK BUTTRESS			
	Side	Offset	Elevation	SIde	Offset	Elevation
2816+00				LŤ	77'	
2817+00				Lt	77'	4237.00



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